



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

4.5NR
Job Sheet 181439



Part No: 4.5NR

Job Qty: 1 ea

Part Name: Nubbins Receiver Hook



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/26/18

Created By: Jesse White

Type: SOLD

Description:

Note: 4.5NR REV.5 IPP REV:A 18.07.26 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	9/26/18	9/26/18	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	1 pcs	9/26/18	9/26/18	0.50	1.00	Small Fab-9		AP
110	QC	1 pcs	9/26/18	9/26/18	0.00	0.00	QC5		SP
120	Packaging	1 pcs	9/26/18	9/26/18	0.00	0.00	Packaging3-2		DAS
130	DC	1 pcs	9/26/18	9/26/18	0.00	0.00	DC		DAS
140	QC21-FG	1 Ea	9/26/18	9/26/18	0.00	0.00	QC21		DAS

Part Op 100 - 1- LASER ENGRAVE AS PER DWG AND SHEET 3. 2- ASSEMBLE AS PER DWG 3- TEST ASSEMBLY

Descriptions: 130 - Photocopy blue file and create labels as per MANUAL OM OOPM-4.5NR REV5

GREASE AEROSHELL NO. 7 (M138724) LOCTITE 242 (M138766) LOCTITE 648 (M138933)
LOCTITE 620 (M138828)

SAF-T-EZE (M128063)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5058750
11-04473	16GA Shielded Wire	1 (1 ea)	100-Small Fab	5075144
20NR-56P	Spring Anchor	3 pcs (3 ea)	100-Small Fab	5029105
2595K22-7856 K75	Heat Shrink Tube	1 pcs (1 ea)	100-Small Fab	5096187
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5047075
4.5NR-10P	Lock Roller Pin	1 Ea (1 ea)	100-Small Fab	5029119 P
4.5NR-12P	Latch	1 pcs (1 ea)	100-Small Fab	5029120 P
4.5NR-13P	Lock Bearing Screw	1 pcs (1 ea)	100-Small Fab	5029121 D
4.5NR-14P	Lock Roller	1 pcs (1 ea)	100-Small Fab	5029122 P
4.5NR-15P	Lock Bearing	1 pcs (1 ea)	100-Small Fab	5029123 P
4.5NR-16P	Lock	1 pcs (1 ea)	100-Small Fab	5029124 P
4.5NR-17P	Lock Bushing	1 pcs (1 ea)	100-Small Fab	5029125 P
4.5NR-18P	Load Stop	1 pcs (1 ea)	100-Small Fab	5029132 P
4.5NR-20P	Load Stop Bushing	2 pcs (2 ea)	100-Small Fab	5029133 P
4.5NR-21	Spring Anchor	3 (3 ea)	100-Small Fab	5098079
4.5NR-23P	Load Stop Back Bumper	1 pcs (1 ea)	100-Small Fab	5029134 P
4.5NR-24P	Load Stop Front Bumper	1 pcs (1 ea)	100-Small Fab	5029135 P
4.5NR-25P	Side plate Solenoid	1 pcs (1 ea)	100-Small Fab	5029136 P
4.5NR-27P	Solenoid	1 pcs (1 ea)	100-Small Fab	5029137 P
4.5NR-28P	Solenoid Cover	1 pcs (1 ea)	100-Small Fab	5029138 P
4.5NR-3	Load Stop Stiffener	2 Ea (2 ea)	100-Small Fab	5029139

Plex 7/26/18 9:27 AM dart.white.jesse



Container No: S111341



Part: 4.5NR

Job No: 181439

Serial No/Batch: S111341

Revision: 5

Inspector:

Exp Date:

Instructions:

DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 09/19/18

4.5NR-30P	Solenoid Cover Screw	2 pcs (2 ea)	100-Small Fab	5029140	P
4.5NR-32P	Manual Release Knob	1 pcs (1 ea)	100-Small Fab	5029141	P
4.5NR-33P	Cage Spacer	1 pcs (1 ea)	100-Small Fab	P 5029142	P
4.5NR-34P	Load Rail	2 pcs (2 ea)	100-Small Fab	P 5029143	P
4.5NR-35P	Latch Bushing	2 pcs (2 ea)	100-Small Fab	P 5029144	P
4.5NR-36P	Latch Spring	2 pcs (2 ea)	100-Small Fab	P 5029145	P
4.5NR-38P	Funnel Sub-Assembly	1 pcs (1 ea)	100-Small Fab	P 5029146	P
4.5NR-39P	Keeper Spring	1 pcs (1 ea)	100-Small Fab	P 5029147	P
4.5NR-4	Bolt	2 Ea (2 ea)	100-Small Fab	? 5029147	P
4.5NR-40P	Keeper	1 pcs (1 ea)	100-Small Fab	P 5029149	P
4.5NR-41P	Latch Roller	1 pcs (1 ea)	100-Small Fab	P 5029150	P
4.5NR-43P	Lever	1 pcs (1 ea)	100-Small Fab	P 5029151	P
4.5NR-44P	Latch Pin	1 pcs (1 ea)	100-Small Fab	P 5029152	P
4.5NR-45P	Latch Roller Pin	1 pcs (1 ea)	100-Small Fab	P 5029153	P
4.5NR-46P	Lever Bushing	1 pcs (1 ea)	100-Small Fab	P 5029154	P
4.5NR-47P	Front Stiffener	1 pcs (1 ea)	100-Small Fab	P 5029155	P
4.5NR-50P	Lifter Pin	1 pcs (1 ea)	100-Small Fab	P 5029156	P
4.5NR-52P	Keeper Bushing	1 pcs (1 ea)	100-Small Fab	P 5029157	P
4.5NR-61	Side Plate Cover	1 Ea (1 ea)	100-Small Fab	5029158	P
4.5NR-7P	Lifter Bushing	2 pcs (2 ea)	100-Small Fab	P 5029162	P
4.5NR-8P	Lifter	1 pcs (1 ea)	100-Small Fab	P 5029163	P
4.5NR-9P	Lifter/Load Stop Spring	2 pcs (2 ea)	100-Small Fab	P 5029164	P
AN6-13A	Bolt	6 Ea (6 ea)	100-Small Fab	5015693	P
AN6-14A	Machine Bolt 3/8-24 X 1.58 - Steel	1 Ea (1 ea)	100-Small Fab	5071829	P
AN6-24A	Hex Bolt 3/8-24 X 2 1/2"	1 Ea (1 ea)	100-Small Fab	5071829 5071830	P
AN6-40A	3/8-24 Bolt X 3" Long	1 Ea (1 ea)	100-Small Fab	5041108	P
AN7-24A	Bolt	1 Ea (1 ea)	100-Small Fab	5071831	P
AN7-40A	Bolt	1 (1 ea)	100-Small Fab	510840	P
C10-7P	Locating Pin	2 pcs (2 ea)	100-Small Fab	5072955	P
C45-10-1P	Lock Spring Pin	1 pcs (1 ea)	100-Small Fab	5040652	P
C45-13-2P	Teflon Keeper, Spacer	2 pcs (2 ea)	100-Small Fab	P 5029305	P
C45-3-2-1P	Snap Ring	2 pcs (2 ea)	100-Small Fab	5046606	P
C45-3-4-1P	Retaining Ring	2 pcs (2 ea)	100-Small Fab	P 5029320	P
C45-3-5P	Teflon Spacer	2 pcs (2 ea)	100-Small Fab	5029325	P
CORD GRIP	Cord Grip	1 pcs (1 ea)	100-Small Fab	5056759	P
CORD GRIP	Cord Grip	1 pcs (1 ea)	100-Small Fab		
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab	5097889	P
MS21044N6	Nut, Self-Lock .375-24, UNJF-3B	1 Ea (1 ea)	100-Small Fab	5076015	P
MS21044N7	Keeper Nut	2 Ea (2 ea)	100-Small Fab	5100411	P
MS21083N3	Nut	2 Ea (2 ea)	100-Small Fab	5087937	P
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab	5071415	P
NAS1149F0332P	Washer	2 Ea (2 ea)	100-Small Fab	5048297	P
NAS1149F0632P	Washer	2 Ea (2 ea)	100-Small Fab	5048297-1	P
NAS1149F0663P	Washer	9 Ea (9 ea)	100-Small Fab	5051477	P
NAS1149F0763P	Washer	4 Ea (4 ea)	100-Small Fab	5078169	P

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	135	0
100-Small Fab	11-04473	1	0	0
	20NR-56P	3	14	0
	2595K22	1	62	0
	32446	2	650	0
	4.5NR-10P	1	0	0
	4.5NR-12P	1	38	0
	4.5NR-13P	1	7	0
	4.5NR-14P	1	30	0
	4.5NR-15P	1	4	0
	4.5NR-16P	1	14	0
	4.5NR-17P	1	23	0
	4.5NR-18P	1	11	0
	4.5NR-20P	2	19	0
	4.5NR-21	3	0	0
	4.5NR-23P	1	11	0
	4.5NR-24P	1	12	0
	4.5NR-25P	1	3	0
	4.5NR-27P	1	28	0
	4.5NR-28P	1	8	0
	4.5NR-3	2	0	0
	4.5NR-30P	2	15	0
	4.5NR-32P	1	30	0
	4.5NR-33P	1	7	0
	4.5NR-34P	2	12	0
	4.5NR-35P	2	11	0
	4.5NR-36P	2	10	0
	4.5NR-38P	1	4	0
	4.5NR-39P	1	48	0
	4.5NR-4	2	0	0
	4.5NR-40P	1	9	0
	4.5NR-41P	1	37	0
	4.5NR-43P	1	8	0
	4.5NR-44P	1	46	0
	4.5NR-45P	1	8	0
	4.5NR-46P	1	80	0
	4.5NR-47P	1	9	0
	4.5NR-50P	1	5	0
	4.5NR-52P	1	9	0
	4.5NR-6	1	0	0
	4.5NR-7P	2	26	0
	4.5NR-8P	1	9	0
	4.5NR-9P	2	8	0
	AN6-13A	6	95	0
	AN6-14A	1	10	0
	AN6-24A	1	10	0
	AN6-40A	1	63	0
	AN7-24A	1	10	0
	AN7-40A	1	0	0
	C10-7P	2	0	0
	C45-10-1P	1	45	0
	C45-13-2P	2	30	0
	C45-3-2-1P	2	331	0
	C45-3-4-1P	2	75	0
	C45-3-5P	2	88	0
	CORD GRIP	2	7	0
	EL-PLUG-M	1	75	0
	MS21044N6	1	72	0
	MS21044N7	2	0	0
	MS21083N3	2	277	0
	MS21083N6	1	162	0
	NAS1149F0332P	2	1,297	0
	NAS1149F0632P	2	538	0
	NAS1149F0663P	9	827	0
	NAS1149F0763P	4	200	0

Part Specifications

Specifications could not be found.

Plex 7/26/18 9:27 AM dart.white.jesse



Remote Cargo Hook Test Form

4.5NR

Work Order 181439

Customer 5847

Serial Number 5111341

Date 2018/08/24

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	PASS
10	2,250	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	4,500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 ^A	PASS
2	3,500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 ^A	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 ^A	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 ^A	PASS
2	500	Electircal, 22 volts	Current shall not exceed 4.5A	4.0 ^A	PASS
1	4,500	Electircal, 20 volts	Current shall not exceed 4.1A	3.5 ^A	PASS
1	4,500	Electircal, 28 volts	Current shall not exceed 5.7A	5.1 ^A	PASS
1	4,500	Manual		N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 4.9-5.6 Ohms	5.4 ^Ω	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By: ALAN PATRY

Technician

Signature:

Sylvia Pouchard
QC/5 Small FAB / QA

Submit